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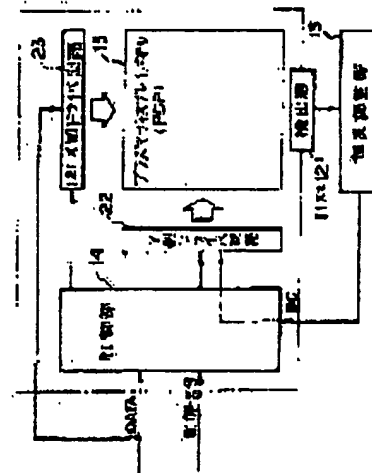
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### (54) BRIGHTNESS ADJUSTMENT DEVICE OF PLASMA DISPLAY PANEL

#### (57)Abstract:

**PURPOSE:** To reduce the high-temperature load on constituent components and to expand the operation range at high temperature by operation suppression by automatically adjusting the brightness of a screen centering on the use upper-limit temperature of a PDP device, and reducing the power consumption and suppressing heat generation.

**CONSTITUTION:** When a detector 11 detects the ambient temperature of a plasma display panel 15 or position information on an angle of rotation, etc., a brightness adjustment part 13 outputs a pulse voltage BC having a period corresponding to the detected temperature or the amount of information and a control part 14 outputs, for example, high-brightness side data corresponding to the voltage level H of the pulse voltage and low-brightness side data corresponding to the voltage level L to a Y-side driver circuit 22 to control the brightness of the plasma display panel 15. Therefore, the brightness is adjusted corresponding to a



change in environment such as the ambient temperature, an installation angle, etc., to suppress the heat generation.

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